

Report of the reference group

Feedback of the students after a midterm meeting:

- Students with experience in particle physics and/or QFT finds the tempo to be fine. For students without experience in this area, the pace is quite high.
- Somewhat unclear goals for the lectures. Perhaps a summary after a complicated calculation or at the end of a subject would be nice.
- The overlying physical concepts should be explained in detailed calculations, it is easy to lose track and get lost in the meaning of the equations. The intermediate steps in the calculations are clear, but the overall goal and usage of each calculation might be unclear.
- The recommended knowledge on the course web page should be updated. EM should be added. Knowledge of index-notation and Einstein summing convention should be known.
- The concepts of group theory are not known for many. Perhaps an extra lecture or a basic introduction should be covered in the lectures before it is used.
- More consistency in the notation would be helpful for understanding the concepts rather than to get confused about inconsistency. (For example the sub-indices of the masses in a process seem arbitrary at times)
- For the home exam, all answers was used for later tasks. At the final exam, it might be convenient to state the answers(or the general form) such that one can use them for the next task.
- General feedback for the home exam: Much work, very useful and good training. Students had to skip other courses that week.
- For next year, the students should get their candidate number in the subject so that their anonymity is kept.
- The exam from last year (with solutions) are missing from the exam page. Can this be fixed?